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TITLE OF INVENTION: Monocotyledonous plant viruses

```

: CORRESPONDENCE ADDRESS:
: ADDRESSEE: CIBA-gelby Corporation
: STREET: 7 Skyline Drive
: CITY: Hawthorne
: STATE: NY
: COUNTRY: USA
: ZIP: 10532
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.30B
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/496,944
: FILING DATE:
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Elmer, James Scott
: REGISTRATION NUMBER: 36,129
: REFERENCE/DOCKET NUMBER: CGC 1814
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 2763 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-496-944-2

```

[illegible]

```

RESULT 3
US-09-134-001C-3458
: Sequence 3458: Application US/09134001C
: Patent No. 6380370
: GENERAL INFORMATION:
: APPLICANT: Lynn Doucette-Stamm et al
: TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
: TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
: FILE REFERENCE: GTC-007
: CURRENT APPLICATION NUMBER: 1998-08-13
: CURRENT FILING DATE: 1998-08-13
: PRIOR APPLICATION NUMBER: US 60/064,964
: PRIOR FILING DATE: 1997-11-08
: PRIOR APPLICATION NUMBER: US 60/055,779
: PRIOR FILING DATE: 1997-08-14
: NUMBER OF SEQ ID NOS: 5674
: SEQ ID NO 3458
: LENGTH: 312
: TYPE: PRN
: ORGANISM: Staphylococcus epidermidis
US-09-134-001C-3458

```

```
Query Match      7.5%   Score 75.5   DB 4;   Length 312;
Best Local Similarity    24.6%   Pred. No. 1.1;
Matches      33; Conservative    23; Indels    35; Gaps    7;

Oy      16 MMTEFFILFFPSFGVL-----CTLATIMMLKKSADGCP-----FRGLPL---- 57
       :1::11:|::11:|::11:
```

```

Db 177 LMAIIVYTTI---TGTALVIRTKSLAYGAMP-I-PFDQIVPHNADHWQPSHRCGMFEITF 232
Oy 58 -----FTHSYISNIDFLSTPGYL--WVWYIVNLGLSGHFEFLIYL-----LIIYF 104
Db 233 IWMITFTHAIKKNSDNRNRYVGYGTASFIYLIVLYIGALSVITNVLLIALHALFIYF 292
Oy 105 LYMQTEGRKTRIR 118
Db 293 LFGMLAYFILLMLR 306

```

```

RESULT 4
US-09-134-001C-3949
: Sequence 3949, Application US/09134001C
: Patent No. 6380370
: GENERAL INFORMATION:
: APPLICANT: Lyn Doucette-Stamm et al
: TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
: TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
: FILE REFERENCE: GNC-007
: CURRENT APPLICATION NUMBER: US/09/134,001C
: PRIORITY FILING DATE: 1998-08-13
: PRIOR APPLICATION NUMBER: US 60/064,964
: PRIOR FILING DATE: 1997-11-08
: PRIOR APPLICATION NUMBER: US 60/055,779
: PRIOR FILING DATE: 1997-08-14
: NUMBER OF SEQ ID NOS: 5674
: SEQ ID NO 3949
: LENGTH: 412
: TYPE: PR1
: ORGANISM: Staphylococcus epidermidis
US-09-134-001C-3949

```

```

Query Match      7.3%  Score 73.5; DB 4, length 412;
Match Local Similarity 25.9%; Pred. No.2.7;
Matches 30; Conservative 13; Mismatches 24; Indels 49; Gaps 6;

Oy  22 FLPPSPFTGVLCATIAIIMRLKPSADCGPRFGRLPLEFIHS-----WDTLSS 70
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | |
Db  101 FLAFTS-----LELVIW-----FPASPTII--ITSALMLGIAVSPPIWIMLS 141

Oy  71 T-----RPGYLVWVIYRNLIQSY-----HFFIILIVLIITYLW 107
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | |
Db  142 SYDENRRCKQKQKIVFSSWMLGLLWAVIMLILKHPRIKPRFAFLMLLVLIANVLTY 197

```

RESULT 5
 US-09-134-001C-3020
 : Sequence 3020, Application US/09134001C
 : Patent No. 6380370
 : GENERAL INFORMATION:
 : APPLICANT: Lynn Doucette-Stamm et al
 : TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCC
 : TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
 : FILE REFERENCE: GFC-007
 : CURRENT APPLICATION NUMBER: US/09/134,001C
 : PRIOR FILING DATE: 1998-08-13
 : PRIOR APPLICATION NUMBER: US 60/064,964
 : PRIOR FILING DATE: 1997-11-08
 : PRIOR APPLICATION NUMBER: US 60/055,779
 : PRIOR FILING DATE: 1997-08-14
 : NUMBER OF SEQ ID NOS: 5674
 : SEQ ID NO 3020
 : LENGTH: 467
 : TYPE: PRT
 : ORGANISM: Staphylococcus epidermidis
 : US-09-134-001C-3020

Query Match	7.3%	Score 73;	DB 4;	Length 467;
Best Local Similarity	24.2%	Pred. No. 3.7;		
Matches 40;	Conservative 28;	Mismatches 55;	Indels 42;	Gaps 10.
OY	10	AMRSQMMTEFFLEFFPSFTGVCLTAITTTWRKLPKSDCGEFRCL--PLFIHSIYSMT-	66	

Db 132 AM-----IVFVFLVLIIE-GLGQCKYTLIMVVEYGI-----RGLALYPLFIETAFEMWMLA 176
 QY 67 -----DLISTRPGYLVWVW-----IYNLIGSV---HEFFITLLVILITLYLWQITEGR 113
 Db 177 QVTPGAMMASMGFMGSMYICIGIGILLGNMIPISIRIGIFNIMLVGV---FVWAVAGL 232
 QY 114 KIMRLRLHEOIIINGCKDKMLIEIKLIKLOMEKKANSSVLERR 158
 Db 233 MIMV-LYKERGACKPPDDAVTLVERLKTU-----SSGVTTIAERR 270

RESULT 6
US-08-137-614A-2

```

GENERAL INFORMATION:
APPLICANT: Soderlund, David M.
APPLICANT: Knipple, Douglas C.
APPLICANT: Henderson, Joseph E.
TITLE OF INVENTION: Gene Encoding An Insect
TITLE OF INVENTION: Gamma-Aminobutyric Acid (GABA) Receptor Subunit
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hadgrave, Devans & Doyle
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: USA
ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/137,614A
FILING DATE: 15-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Timian, Susan J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 19603/120
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716)263-1636
TELEFAX: (716)263-1600
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 496 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-137-614A-2

```

Query Match	7.3%	Score 73	DB 1	Length 496
Best Local Similarity	19.8%	Pred. No. 4		
Matches 36	Conservative 36	Mismatches 80	Indels 30	Gaps 6

```

QY 4 FQPSKAMRBSOMMTFFLLFFPSFGVCLTALITWRUKPSADGCFRGLP--LEIHS 61
Db 243 YQSLSTFKLORNIGYFVOTYPLSLIIMLSW-VSFWINHEATSAKVALGITYVLMTT 301
QY 62 IYSWIDLSTPGYGLWVWVIYRNLDIGSVHFFITLLIYLYWOITEGRKIMRLH 121
Db 302 ISTEVRSSLPRLSYVKAIIDY--LYMCFVYFVALLLEYAVNNTYW----GKRKKKTIK 355
QY 122 EQIINEG-----DKMFLIEKLIKLODMKKANPSSLVERREYQOGFHLGHDGS 174
Db 356 VKECCPGKIGKRSERSEJTCSTEDIEILOYAMSPIS-----LRGRYNAI 401
QY 175 LD 176
Db 402 LD 403

```

RESULT 7
US-08-768-301-2

```

: Patent No. 5854002
:
: GENERAL INFORMATION:
: APPLICANT: Tomalski, Michael D.
: APPLICANT: Gant, Daniel B.
: TITLE OF INVENTION: METHOD OF IDENTIFYING COMPOUNDS THAT BIND
: TITLE OF INVENTION: TO THE INSECT GABA RECEPTOR
: NUMBER OF SEQUENCES: 6
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
: STREET: 30 Rockefeller Plaza
: CITY: New York
: STATE: NY
:
: COUNTRY: U.S.A.
: ZIP: 10112-0228
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ Version 1.5
:
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/768,301
: FILING DATE:
:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
:
: ATTORNEY/AGENT INFORMATION:
: NAME: MacLeod, Janet M
: REGISTRATION NUMBER: 35,263
: REFERENCE/DOCKET NUMBER: A30693
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212-408-2500
: TELEFAX: 212-765-2519
:
: TELEX:
:
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 496 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: HYPOTHEICAL: NO
: ANTI-SENSE: NO
: FRAGMENT TYPE: internal
:
: ORIGINAL SOURCE:
:
: US-08-768-301-2

```

Query Match	7.3%	Score 73;	DB 2;	Length 496;
Best Local Similarity	19.8%	Pred No. 4;		
Matches 36;	Conservative 36;	Mismatches 80;	Indels 30;	Gaps 6;

```
QY      4 FODPSKASOMMEFFILFEFPEFTVCLTITIRLKPSADCGPRLP--LEIHS    61  
        :|:::~::~||:::~::~||:::~::~||:::~::~||:::~::~||:::~::~||  
Db     243 IQRLSISEFLORNGIEFYQLYPBLLVMLSW-VSEFINHEATSAKYALGITTVLMTT   301  
  
QY      62 IYSMDITSTRPGYLMMVAIKENLGSVHFEFILLVLTITYLYWOITEGRKIMRHL  121  
        ||:::~::~||:::~::~||:::~::~||:::~::~||:::~::~||:::~::~||  
Db     302 ISTGVNSSLPRISYKAIDIV-LYMCEVFAPALLLEVAAANIYW---GKRKKRIKK   355  
  
QY      122 EQIINECK-----DKMFIELKLKILODMEKANPPSLVERREVOQGFLHGHDGS  174  
         |:::~::~||:::~::~||:::~::~||:::~::~||:::~::~||:::~::~||  
Db     356 VKECCPFKGIGKERSETCTEDIIETILODVMSPIPS-----LRGGTYNAT    401  
  
QY      175 LD 176  
        ||  
Db     402 LD 403
```

```

RESULT 8
US-09-412-210-1
; Sequence 1, Application US/09412210
; Patent No. 6403358
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Liebermann, Rosana
; TITLE OF INVENTION: 21529, A NOVEL ADENYLATE CYCLASE
; FILE REFERENCE: 5800-47
; CURRENT APPLICATION NUMBER: US/09/412,210
; CURRENT FILING DATE: 1999-10-05
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1077
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-412-210-1

```

```

Query Match          7.3%; Score 73; DB 4; Length 1077;
Best Local Similarity 25.0%; Pred. No. 11;
Matches 33; Conservative 20; Mismatches 39; Indels 40; Gaps 7;

```

```

QY 20 FIFLFPSTGVLCITLAIWRLKPSADCGPFRGLPLFIHSIYSWI-----TL 69
DB 729 FLSCSLFLHMSFLKLLLLMLL---AASCS-----LFLHS-HAWLSECLVRLYIGPL 778
QY 70 STBPGYLVWVYIYRNLIQSVHFF-FILTLIVLITLYLW-----QITGR 113
DB 779 DSRGVL-----KEPKLMAISFFIFFFTLLVLANQNEYCRDLPLMKKRLRORERETETM 834
QY 114 KIMRLHEQII 125
DB 835 ENLRLLLENVL 846

```

```

RESULT 9
US-09-351-198-2
; Sequence 2, Application US/09351198
; Patent No. 6335168
; GENERAL INFORMATION:
; APPLICANT: Kreek, Mary J
; APPLICANT: Laforge, Karl S
; APPLICANT: Yu, Lei
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: ALLELES OF THE HUMAN MU OPIOID RECEPTOR, DIAGNOSTIC
; TITLE OF INVENTION: METHODS OF USING SAID ALLELES, AND METHODS OF TREATMENT
; FILE REFERENCE: 600-1-226N
; CURRENT APPLICATION NUMBER: US/09/351,198
; CURRENT FILING DATE: 1999-07-09
; EARLIER APPLICATION NUMBER: 60/092,402
; EARLIER FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 400
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-351-198-2

```

```

Query Match          7.1%; Score 71.5; DB 4; Length 400;
Best Local Similarity 22.4%; Pred. No. 4.5;
Matches 30; Conservative 23; Mismatches 44; Indels 37; Gaps 6;

```

```

QY 25 FFPSTGV--LCITLAIWRLKPSADCGPFRGLPL-----FIHSIYSWI----- 66
DB 150 YNNFTSIFTLCTMSVD---RTIACHPVKALDFTPRNAKLIINCNWILSSAIGLPV 205
QY 67 --DLSLRPG-----YLVWVYIYRNLIQSVHFFILTLIVLITLYLWQITEGRKIMI 117
DB 206 FMAITTKYRQGSIDCTLTFHSPTWYMWLVKICVFIFAIFIMPVLITVYCY-----GLMITL 259
QY 118 RLHEQIIINEGKDK 131

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DB 260 RLKSVRLSGSKER 273

```

```

RESULT 10
US-09-113-426-2
; Sequence 2, Application US/09113426
; Patent No. 6337207
; GENERAL INFORMATION:
; APPLICANT: Kreek, Mary J
; APPLICANT: Laforge, Karl S
; APPLICANT: Yu, Lei
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: ALLELES OF THE HUMAN MU OPIOID RECEPTOR, DIAGNOSTIC
; TITLE OF INVENTION: METHODS OF USING SAID ALLELES, AND METHODS OF TREATMENT
; FILE REFERENCE: 600-1-226
; CURRENT APPLICATION NUMBER: US/09/113,426
; CURRENT FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 400
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-113-426-2

```

```

Query Match          7.1%; Score 71.5; DB 4; Length 400;
Best Local Similarity 22.4%; Pred. No. 4.5;
Matches 30; Conservative 23; Mismatches 44; Indels 37; Gaps 6;

```

```

QY 25 FFPSTGV--LCITLAIWRLKPSADCGPFRGLPL-----FIHSIYSWI----- 66
DB 150 YNNFTSIFTLCTMSVD---RTIACHPVKALDFTPRNAKLIINCNWILSSAIGLPV 205
QY 67 --DLSLRPG-----YLVWVYIYRNLIQSVHFFILTLIVLITLYLWQITEGRKIMI 117
DB 206 FMAITTKYRQGSIDCTLTFHSPTWYMWLVKICVFIFAIFIMPVLITVYCY-----GLMITL 259
QY 118 RLHEQIIINEGKDK 131
DB 260 RLKSVRLSGSKER 273

```

```

RESULT 11
US-08-405-271A-20
; Sequence 20, Application US/08405271A
; Patent No. 6432652
; GENERAL INFORMATION:
; APPLICANT: EVANS, CHRISTOPHER J.
; APPLICANT: KEITH, DUANE E.
; TITLE OF INVENTION: OPIOID RECEPTOR GENES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 2000 PENNSYLVANIA AVENUE, NW, Suite 5500
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/405,271A
; FILING DATE: 14-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 22000-20526.22

```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030 MRSNPERBSMH
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 415 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: group(9, 12, 33, 40, 48)
OTHER INFORMATION: /note="extracellular Asn residues
OTHER INFORMATION: that are consensus sites for N-linked glycosylation"
US-08-405-271a-20

Query Match 7.1%; Score 71.5; DB 4; Length 415;
Best Local Similarity 22.4%; Pred. No. 4.7;
Matches 30; Conservative 23; Mismatches 44; Indels 37; Gaps 6;

QY 25 FPPSTGV-LCTAITTWRLKPSADCGFRCGLPL-----FIHSIYSMT----- 66
Db 150 YNMFTSIFLTCTMSVD---RYIAYCHPVKALDPRTPRNAKIINWCWILSSAIGLPYM 205
QY 67 --DTLSTRG-----YLMVWYIRNLIGSVHFFELLIVLITLYLWQTEGRKIMI 117
Db 206 FPAATTKYKQSGIDCTLTSTSHPTWENLVKICVFIAPIIMPVLITVCT-----GLMITL 259
QY 118 RLHEQIINEGRK 131
Db 260 RLKSVRLMSGSK 273

RESULT 12
US-08-726-214-8
Sequence 8, Application US/08726214
Patent No. 6107076
GENERAL INFORMATION:
APPLICANT: Tang, Wei-Jen
APPLICANT: Gilman, Alfred G.
TITLE OF INVENTION: SOLUBLE MAMMALIAN ADENYLYL CYCLASE
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: United States of America
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726,214
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/005,498
FILING DATE: 04-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UTSD:450
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 1064 amino acids

TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-726-214-8

Query Match 7.1%; Score 71.5; DB 3; Length 1064;
Best Local Similarity 28.3%; Pred. No. 17;
Matches 26; Conservative 16; Mismatches 25; Indels 25; Gaps 6;

QY 20 FIFLFFPSTGV-LCTAITTWRLKPSADCGFRCGLPLFIHSIYSMT-----TL 69
Db 726 FLSCSLFLHMSFELKLLLLMLV---ASCS-----LFLHS-HAWLSDCLARLYQSL 775
QY 70 SRPGYLWVWYIRNLIGSVHFF-FLITLYL 100
Db 776 GSRPGVL---KEPKLMGATIFPIFFTLVL 803

RESULT 13
US-09-134-001C-4778
Sequence 4778, Application US/09134001C
Patent No. 6580370
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCC
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 4778
LENGTH: 179
TYPE: PRT
ORGANISM: Staphylococcus epidermidis
US-09-134-001C-4778

Query Match 7.0%; Score 70.5; DB 4; Length 179;
Best Local Similarity 21.4%; Pred. No. 2;
Matches 22; Conservative 23; Mismatches 23; Indels 35; Gaps 5;

QY 57 LFHSIYSMTDLSTR-----PGYLMVWYIRN-----LIGSVHFFELLIVLI 101
Db 36 LVFDVSKWLTITISMKVDSYEIIPNPLNT-SHRNNGAAMGILSGKMLFYITITILI 94
QY 102 IITYLWQTEGR-----KIMIRLHEQIIN 126
Db 95 VLVITF-IKEAOFNLFMOVAISLFRGALGNFIDRLHGEVVD 136

RESULT 14
US-08-430-286A-2
Sequence 2, Application US/08430286A
Patent No. 6223080
GENERAL INFORMATION:
APPLICANT: Uhl, George R.
APPLICANT: Eppler, C. Mark
APPLICANT: Wang, Jai-Bel
TITLE OF INVENTION: Mu-Subtype Opioid Receptor
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: US
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,286A
FILING DATE: 28-APR-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Robinson, Joseph R.
REGISTRATION NUMBER: 33,448
REFERENCE/DOCKET NUMBER: 0646/1A843-US5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-527-7700
TELEFAX: 212-753-6237
TELEX: 236687
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 356 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rattus rattus
IMMEDIATE SOURCE:
CLONE: mu receptor amino acid
US-08-430-286A-2

Query Match 7.0%; Score 70.5; DB 4; Length 356;
Best Local Similarity 22.4%; Pred. No. 5;
Matches 30; Conservative 23; Mismatches 44; Indels 37; Gaps 6;
QY 25 FPPSFTGV--LCTLAITWRLKPSADCGPPRGLPL-----FHSISYWI----- 66
DB 106 YNNFTSIFLCTMSVD---RYAVCHPVKALDFRPRNAKIYVNCWILSSAIGLPVM 161
QY 67 --DLSTRPG-----YLMVWVIYRNLIQSVAFHFLITLIVLITYLYWQIEGRKIMI 117
DB 162 FMATYKRSQSIDCTLFHSPTWYEWNLKICVFIFAFIMPVILITVCY-----GLMIL 215
QY 118 RLHEQIINEGDK 131
DB 216 RLKSVRLSGSKK 229

RESULT 15
US-08-430-286A-5
Sequence 5, Application US/08430286A
Patent No. 6225080

GENERAL INFORMATION:
APPLICANT: Uhl, George R.
APPLICANT: Eppler, C. Mark
APPLICANT: Wang, Jai-Bel
TITLE OF INVENTION: Mu-Subtype Opioid Receptor
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: US
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,286A
FILING DATE: 28-APR-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Robinson, Joseph R.

REGISTRATION NUMBER: 33,448
REFERENCE/DOCKET NUMBER: 0646/1A843-US5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-527-7700
TELEFAX: 212-753-6237
TELEX: 236687
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 356 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rattus rattus
IMMEDIATE SOURCE:
CLONE: MUR-1
US-08-430-286A-5

Query Match 7.0%; Score 70.5; DB 4; Length 356;
Best Local Similarity 22.4%; Pred. No. 5;
Matches 30; Conservative 23; Mismatches 44; Indels 37; Gaps 6;
QY 25 FPPSFTGV--LCTLAITWRLKPSADCGPPRGLPL-----FHSISYWI----- 66
DB 106 YNNFTSIFLCTMSVD---RYAVCHPVKALDFRPRNAKIYVNCWILSSAIGLPVM 161
QY 67 --DLSTRPG-----YLMVWVIYRNLIQSVAFHFLITLIVLITYLYWQIEGRKIMI 117
DB 162 FMATYKRSQSIDCTLFHSPTWYEWNLKICVFIFAFIMPVILITVCY-----GLMIL 215
QY 118 RLHEQIINEGDK 131
DB 216 RLKSVRLSGSKK 229

Search completed: November 9, 2002, 04:35:03
Job time: 37 secs